

110 Ω Single-Pair DS Series: 26 AWG

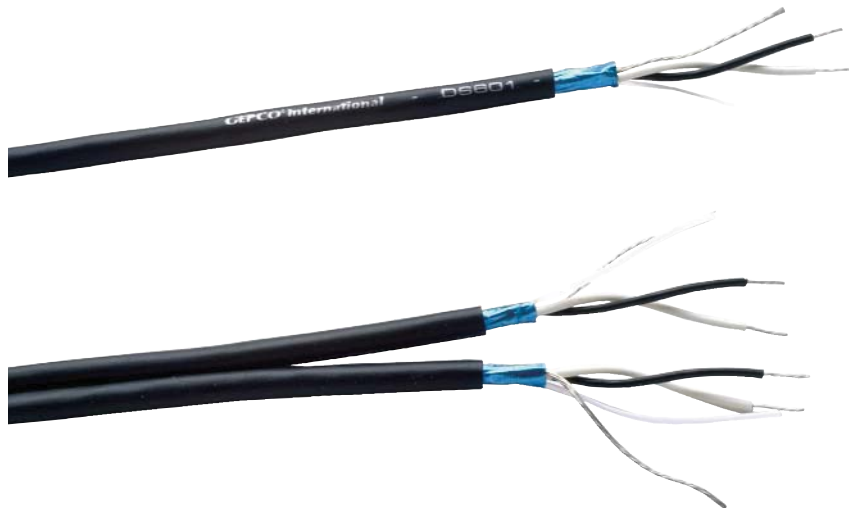
Features & Benefits

- Thin Profile
- Flexible
- Precision 110 Ω Impedance
- 25 MHz Bandwidth for 192 kHz Sampling Rates
- Foam Polypropylene Dielectric
- Stabilizing Polyethylene Rod
- Extra-Flexible or CM Rated Versions

Applications

- AES3 Digital Audio
- Extended Bandwidth Analog Audio
- Time Code
- Studio Interconnect, Permanent Installation or Portable Cables
- Ideal for Rack Wiring or Patchcords

The thin profile DS6 series of AES/EBU digital audio twisted-pair features low attenuation, an extended 25 MHz bandwidth and a precision 110 Ω impedance. The reduced diameter of this series makes it ideal for applications that do not require extended-distance runs such as rack wiring, patchbay harnessing or short-to-medium length permanent installation. The DS series is available in both an easy-to-terminate version for permanent installation and an extra-flexible version for rack patching or bantam/longframe patchcords. In addition, the DS6 series is characterized up to 25 MHz for 192 kHz sampling rates.



Mechanical Specifications									
Part #	# of Pairs	Nominal OD	Conductors	Dielectric Color Code	Shield	Drain Wire	Jacket (Type, Colors)	UL Type	Approx. Weight
DS601	1	0.143"	26 AWG (7x34) Stranded TC	Foam PP, 0.015" Wall/ White & Black	100% Foil	24 AWG (7x32) Stranded TC	PVC, Black	CM	10 lbs/Mft
<i>Thin Profile 110 Ω Single-Pair</i>									
DS601D	2	0.143" x 0.290"	26 AWG (7x34) Stranded TC	Foam PP, 0.015" Wall/ White & Black	100% Foil	24 AWG (7x32) Stranded TC	PVC, Black with Red Stripe	CM	21 lbs/Mft
<i>Thin Profile 110 Ω Dual-Pair</i>									
Electrical Specifications									
Part #	Impedance	Capacitance	Cond. DCR; Drain DCR	Attenuation (dB per 100 ft)					
				1 MHz	3 MHz	6 MHz	12 MHz	25 MHz	
DS601/DS601D	110 Ω	14 pF/ft Between Conductors, 27 pF/ft Between One Conductor and Other Tied to Shield	38.5 Ω/Mft; 23.8 Ω/Mft	1.25	1.85	2.40	3.16	4.20	